



### Professional Papers selected by IBM

INTERNATIONAL PAPER	VDL01	Saillat mill, France
	PDU02	Maresquel Mill, France
	NZL03	Kwidzyn Mill, Poland
	LQY04	Invereuri Mill, Scotland
	VYH07	Svetogorsk Mill, Russia

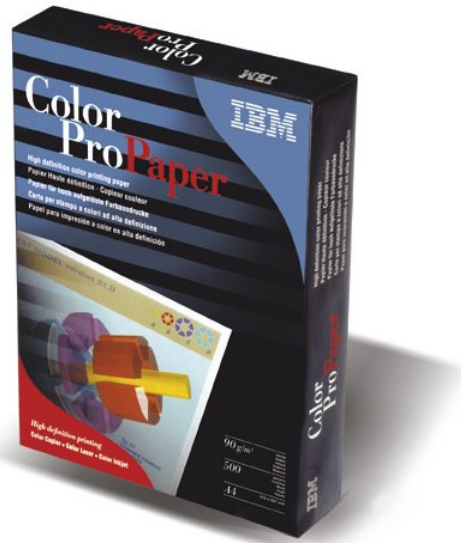
## MILL CODES

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This Mill code is positioned on the left side besides the EAN code on the bottom flap.

It can be used to track the origin of production in case of any product claims or questions regarding specific batches.

Professional Papers selected by IBM



**IBM COLOR PRO PAPER - product specification sheet**

update : January 2005

VDL01

<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	90
	Tolerance	± 2
<b>THICKNESS (ISO 534)</b> µm	Target	102
	Tolerance	± 3
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	130
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	92
	Tolerance	± 2
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	70 / 130
	Tolerance	± 10 / ± 20
<b>MOISTURE (ISO 287)</b> %	Target	4.3
	Tolerance	± 0.5

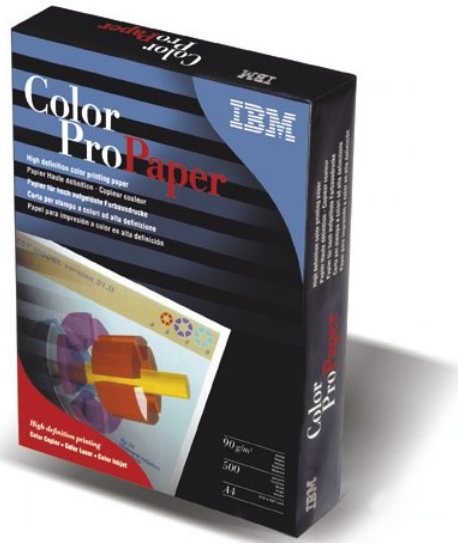
<b>RANGE AVAILABLE:</b>	90 g/m <sup>2</sup>	- A4 / A3
	100 g/m <sup>2</sup>	- A4 / A3 / SRA3
	120 g/m <sup>2</sup>	- A4 / A3 / SRA3
	160 g/m <sup>2</sup>	- A4 / A3 / SRA3
	200 g/m <sup>2</sup>	- A4 / A3 / SRA3
	250 g/m <sup>2</sup>	- A4 / A3 / SRA3
	280 g/m <sup>2</sup>	- A4 / A3 / SRA3

ISO 9001 : Quality Control / Contrôle Qualité

ISO 14001 : Environmental Protection / Protection de l'Environnement



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update : January 2005

VDL01

<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	100
	Tolerance	± 3
<b>THICKNESS (ISO 534)</b> µm	Target	110
	Tolerance	± 3
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	130
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	94
	Tolerance	± 2
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	100 / 200
	Tolerance	± 5 / ± 10
<b>MOISTURE (ISO 287)</b> %	Target	4.3
	Tolerance	± 0.5

**RANGE AVAILABLE:**

90 g/m <sup>2</sup>	- A4 / A3
100 g/m <sup>2</sup>	- A4 / A3 / SRA3
120 g/m <sup>2</sup>	- A4 / A3 / SRA3
160 g/m <sup>2</sup>	- A4 / A3 / SRA3
200 g/m <sup>2</sup>	- A4 / A3 / SRA3
250 g/m <sup>2</sup>	- A4 / A3 / SRA3
280 g/m <sup>2</sup>	- A4 / A3 / SRA3

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VDL01

<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	120
	Tolerance	± 3
<b>THICKNESS (ISO 534)</b> µm	Target	125
	Tolerance	± 3
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	130
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	97
	Tolerance	± 1
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	120 / 250
	Tolerance	± 10 / ± 20
<b>MOISTURE (ISO 287)</b> %	Target	4.3
	Tolerance	± 0.5

RANGE AVAILABLE:

90 g/m <sup>2</sup>	- A4 / A3
100 g/m <sup>2</sup>	- A4 / A3 / SRA3
120 g/m <sup>2</sup>	- A4 / A3 / SRA3
160 g/m <sup>2</sup>	- A4 / A3 / SRA3
200 g/m <sup>2</sup>	- A4 / A3 / SRA3
250 g/m <sup>2</sup>	- A4 / A3 / SRA3
280 g/m <sup>2</sup>	- A4 / A3 / SRA3

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VDL01

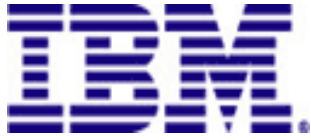
<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	160
	Tolerance	± 4
<b>THICKNESS (ISO 534)</b> µm	Target	163
	Tolerance	± 4
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	130
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	98
	Tolerance	± 1
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	250 / 450
	Tolerance	±
<b>MOISTURE (ISO 287)</b> %	Target	4.3
	Tolerance	± 0.5

**RANGE AVAILABLE:**

90 g/m <sup>2</sup>	- A4 / A3
100 g/m <sup>2</sup>	- A4 / A3 / SRA3
120 g/m <sup>2</sup>	- A4 / A3 / SRA3
160 g/m <sup>2</sup>	- A4 / A3 / SRA3
200 g/m <sup>2</sup>	- A4 / A3 / SRA3
250 g/m <sup>2</sup>	- A4 / A3 / SRA3
280 g/m <sup>2</sup>	- A4 / A3 / SRA3

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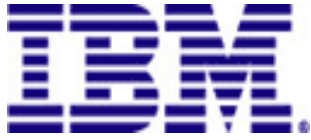
PDU02

<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	200
	Tolerance	± 4
<b>THICKNESS (ISO 534)</b> µm	Target	205
	Tolerance	± 4
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	100
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	99
	Tolerance	± 1
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	350 / 650
	Tolerance	±
<b>MOISTURE (ISO 287)</b> %	Target	3.5
	Tolerance	± 0.5

**RANGE AVAILABLE:**

90 g/m <sup>2</sup>	- A4 / A3
100 g/m <sup>2</sup>	- A4 / A3 / SRA3
120 g/m <sup>2</sup>	- A4 / A3 / SRA3
160 g/m <sup>2</sup>	- A4 / A3 / SRA3
200 g/m <sup>2</sup>	- A4 / A3 / SRA3
250 g/m <sup>2</sup>	- A4 / A3 / SRA3
280 g/m <sup>2</sup>	- A4 / A3 / SRA3

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PDU02

<b>BASIS WEIGHT (ISO 536)</b> g/m <sup>2</sup>	Target	250
	Tolerance	± 4
<b>THICKNESS (ISO 534)</b> µm	Target	255
	Tolerance	± 7
<b>WHITENESS CIE (ISO 11475)</b> Elrepho	Target	160
	Tolerance	± 2
<b>BRIGHTNESS D65 (ISO 2470)</b> % - Elrepho	Target	94
	Tolerance	± 1
<b>ROUGHNESS (ISO 8791/2)</b> Bekk	Target	90
	Tolerance	± 20
<b>AIR PERMEABILITY (ISO 5636/3)</b> ml/min	Maximum	
	Tolerance	
<b>OPACITY (ISO 2471)</b> %	Target	99
	Tolerance	± 1
<b>STIFFNESS (ISO 2493)</b> mN (L&W)	CD / MD Target	600 / 1000
	Tolerance	±
<b>MOISTURE (ISO 287)</b> %	Target	3.5
	Tolerance	± 0.5

RANGE AVAILABLE:

90 g/m <sup>2</sup>	- A4 / A3
100 g/m <sup>2</sup>	- A4 / A3 / SRA3
120 g/m <sup>2</sup>	- A4 / A3 / SRA3
160 g/m <sup>2</sup>	- A4 / A3 / SRA3
200 g/m <sup>2</sup>	- A4 / A3 / SRA3
250 g/m <sup>2</sup>	- A4 / A3 / SRA3
280 g/m <sup>2</sup>	- A4 / A3 / SRA3

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